

AVANT[®] 600



Perfect combination of power and maneuverability

- ✓ All Avant loaders with combustion engine comply with the European Stage V emission standard
- ✓ 600 series with 19 kW engine output doesn't need diesel particulate filter DPF

Avant 600 series benefits over 500 series

- ✓ Stronger and faster hydraulic system for professionals
- ✓ 8 function joystick available (operation of telescopic boom and auxiliary hydraulics with buttons on joystick)
- ✓ More oil flow for attachments, double pump with 44 l/min (630) / 50L min (635, 640)
- ✓ More handling power
- ✓ L Cab, LX Cab with heater and DLX Cab available
- ✓ Air conditioning for DLX cab available (635 and 640)
- ✓ Air suspension seat for DLX Cab available
- ✓ Bigger wheels as standard

Standard specification

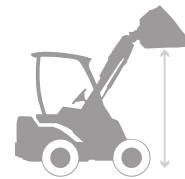
- ✓ Telescopic Boom with self-levelling
- ✓ **OPTIDRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✓ Strong piston type Poclain drive motors
- ✓ 8 function joystick (operation of telescopic boom and auxiliary hydraulics with buttons on joystick)
- ✓ Multi connector system for hydraulic attachments
- ✓ Fast ground speed, max 20 km/h (640)
- ✓ Hydrostatic 4WD, Drive release valve, Hydraulic parking brake
- ✓ Certified ROPS safety frame + FOPS canopy
- ✓ 2 front LED work lights (1000 lumen)
- ✓ LED work light kit, on ROPS frame: 2 front, 1 rear (700 lumen)
- ✓ Standard tyres 26x12-12 Traction or Grass profile
- ✓ Full suspension heated seat with seat belt & arm rests
- ✓ Integrated back weight 170kg



2570 mm



**1500 kg –
1590 kg**



2835 mm



1100 kg



**19 kW/26 hp
diesel**



0 – 20 km/h

Specifications

AVANT[®] 600

STAGE V Engine



Height with cab

Wheel size	26x12.00-12 320/60-12*	27x8.50-15
Cab L	2035 mm	2048 mm
Cab LX	2025 mm	2038 mm
Cab DLX	2045 mm	2058 mm
Cab DLX with air conditioning on the roof	2181 mm	2194 mm

*) With 23" wheels machine is 15 mm lower

Machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	1030 mm
23 x 8.50 - 12	TR or grass	1080 mm
23 x 10.50 - 12	TR or grass	1130 mm
26 x 12.00 - 12	TR or grass	1290 mm
320/60-12 HD	TR	1290 mm
26,5 x 14.00 - 12**	grass	1420 mm

*) Bigger wheels will increase total machine height by 13 mm

***) Requires 40 mm spacers on the wheel hubs

Model	AVANT 630	AVANT 635	AVANT 640
Length	2570 mm	2570 mm	2570 mm
Width (standard wheels)	1290 mm	1290 mm	1290 mm
Height	2035 mm	2035 mm	2035 mm
Weight	1500 kg	1530 kg	1590 kg
Standard wheels	26x12.00-12"Grass / TR	26x12.00-12"Grass / TR	26x12.00-12"Grass / TR
Transmission, drive	hydrostatic Avant Optidrive [®]	hydrostatic Avant Optidrive [®]	hydrostatic Avant Optidrive [®]
Pulling force max.	1200 kp	1400 kp	1400 kp
Drive speed	0 - 12 km/h	0 - 11 km/h	0 - 20 km/h
Auxiliary hydraulics oil flow / pressure	44 l/min 200 bar	50 l/min 200 bar	50 l/min 200 bar
Turning radius inside/outside	900 / 2190 mm	900 / 2190 mm	900 / 2190 mm
Max. lifting height	2835 mm	2835 mm	2835 mm
Tipping load	1100 kg	1100 kg	1100 kg
Max. breakout force / 50 cm	1250 kg	1250 kg	1250 kg
Engine make and type	Kubota D1105 Stage V, 3-cyl.	Kubota V1505 Stage V, 4-cyl.	Kubota V1505 Stage V, 4-cyl.
Engine output (ECE R120)	19 kW (26 hp)	19 kW (26 hp)	19 kW (26 hp)
Maximum torque	72 Nm @ 2200 rpm	93 Nm @ 1700 rpm	93 Nm @ 1700 rpm
Fuel	Diesel	Diesel	Diesel
Product no:	M630	M635	M640